

OSA - 150664

28 February 1964

Ref: Ltr. WRE to MDR 3 Feb. 64

MD-4 692

Dear Wayne:

Confirming today's telecon, we approve the basic approach to the design of the large spool shipping container, as sketched in your letter 3 February 1964. We wish to point out some precautions to be observed in detail design, to protect certain functional surfaces, and the dimensional accuracy of the (fragile) lightweight spool.

1. It is recommended that a material be selected for the central shaft which will not "gall" with the magnesium spool hub. Since the surface of the bore in the hub is not used in a primary functional sense, the shaft could be stainless steel.

2. It is important that no large bending loads ever be applied to the tubular hub of the spool, which is required to be concentric with the outer surfaces.

3. Clearance should be provided so that the precision chamfered open-end of the outer rim cannot contact the "floor" of the container. It is desirable to protect with tape if there is a risk of scratching or marring this surface at any time.

I believe that, with these considerations, you have a most satisfactory approach and we would be pleased to participate with you in a design review before fabrication.

Best regards

Don

mb

cc: ELT ✓